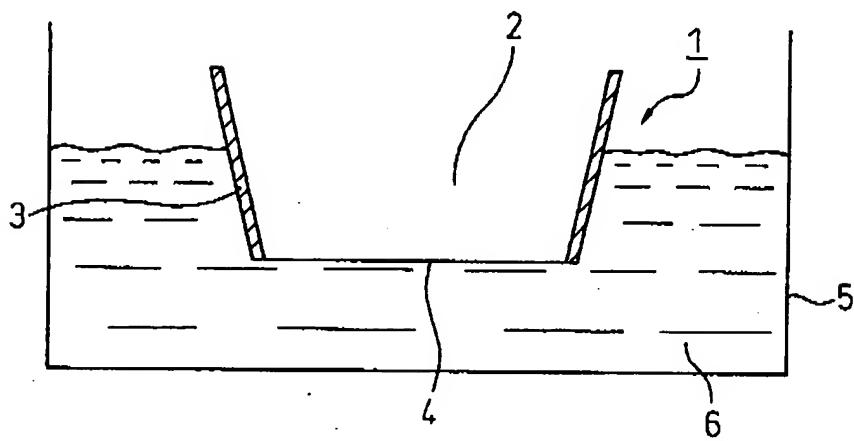
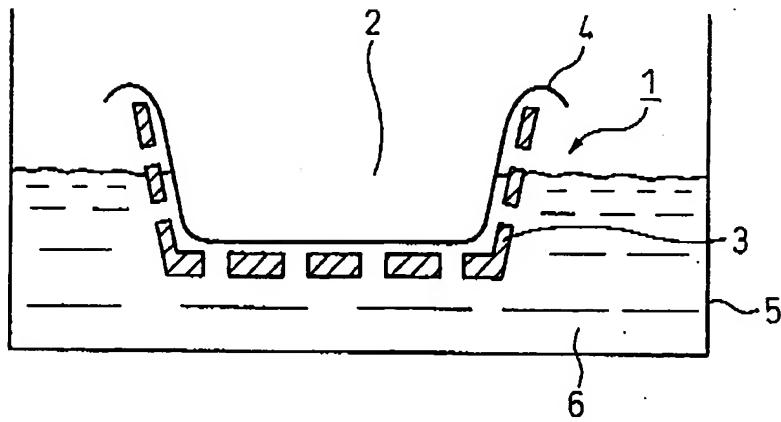


Fig. 1



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Fig. 2



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Fig. 3

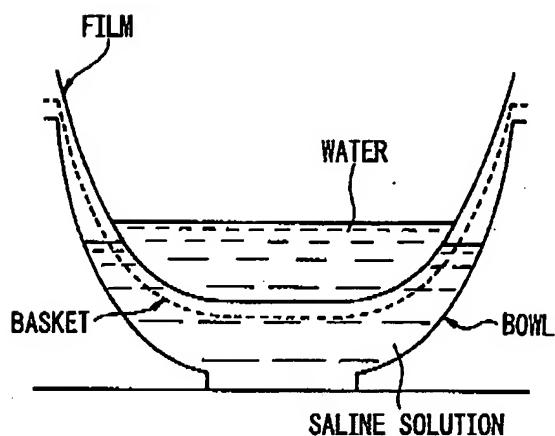
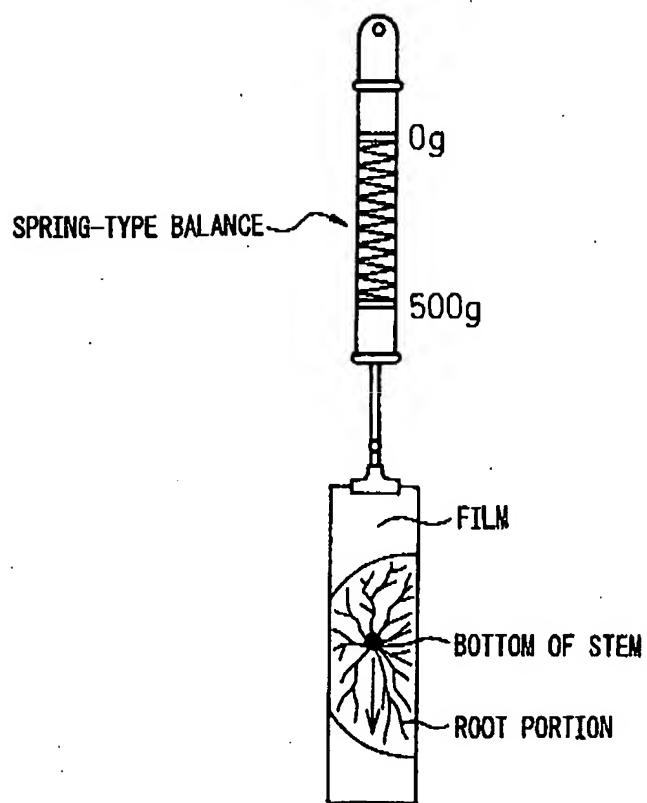


Fig. 4



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Fig. 5

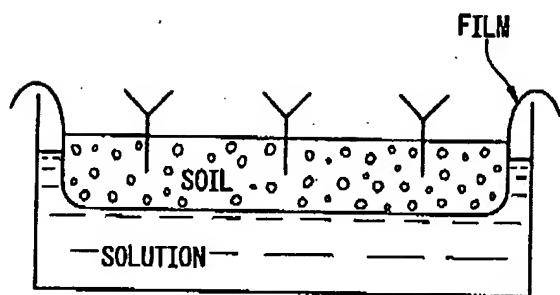


Fig. 6

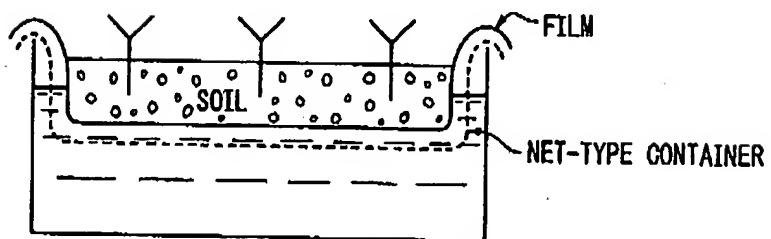


Fig. 7

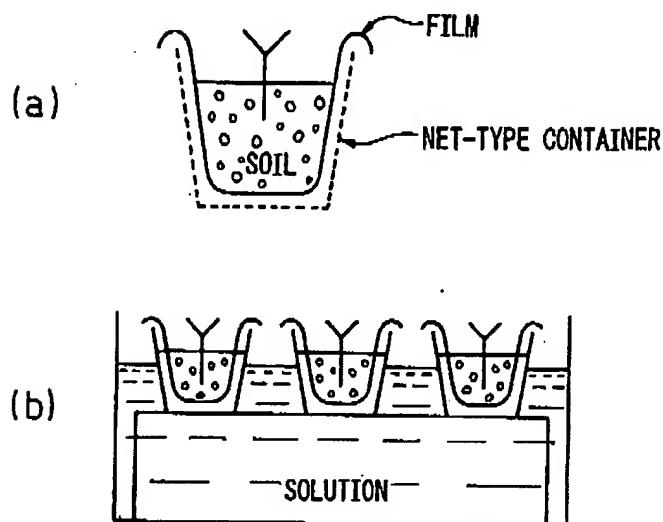


Fig. 8

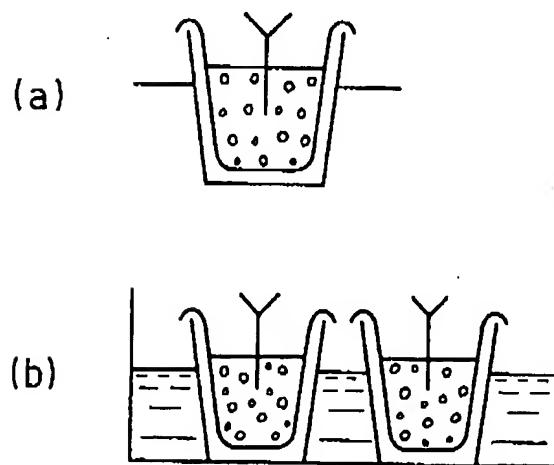


Fig.9

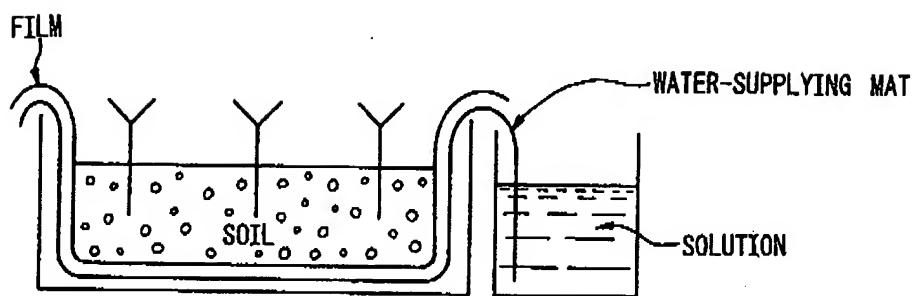
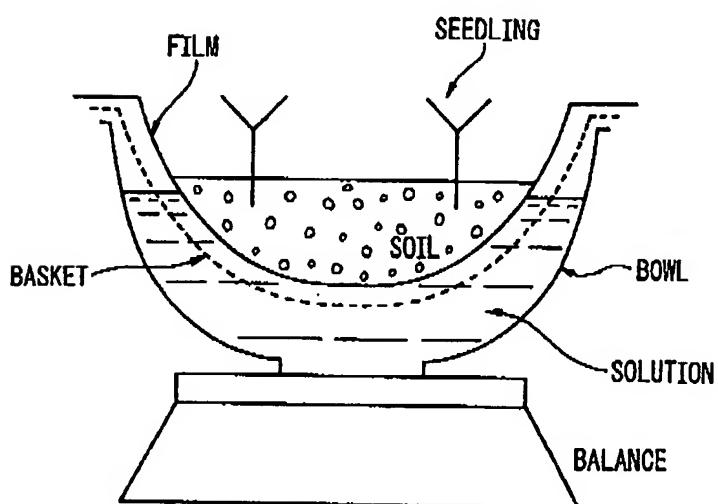


Fig.10



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Fig.11

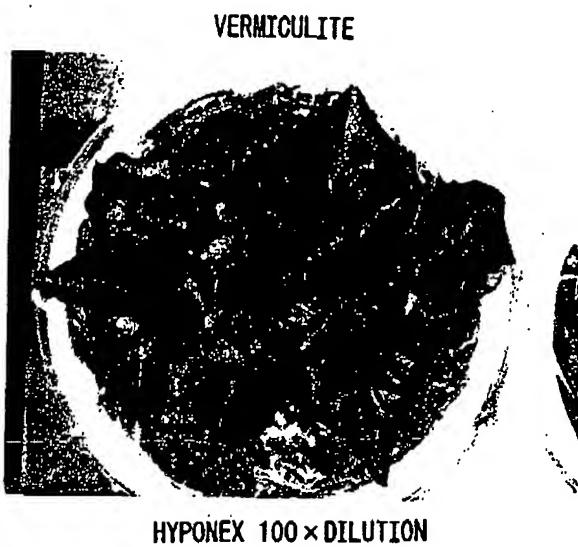


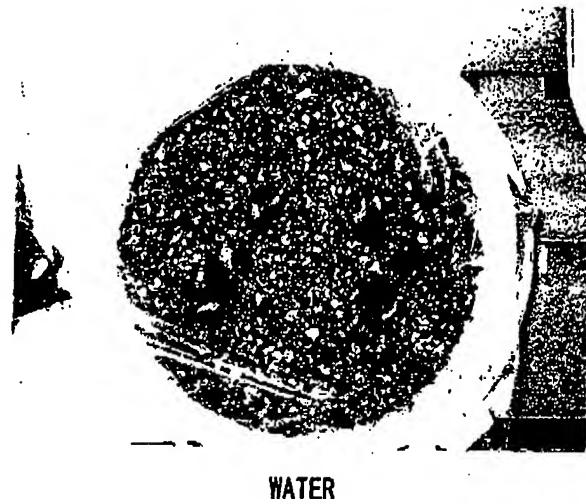
Fig.12



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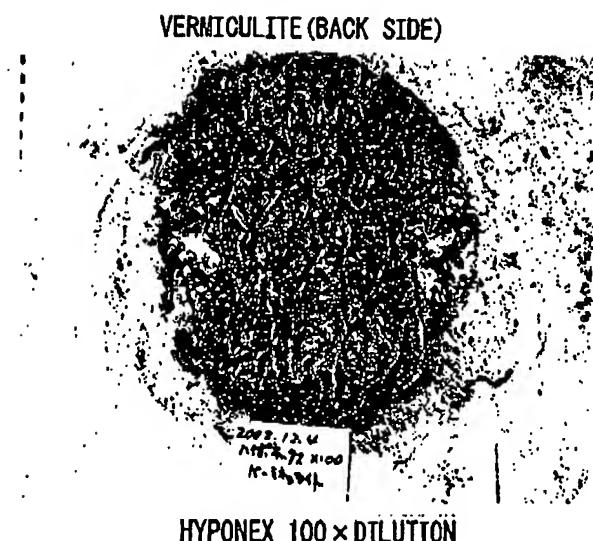
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Fig.13



WATER

Fig.14



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Fig.15



HYPONEX 1000× DILUTION

Fig.16



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Fig. 17

TEST PIECE

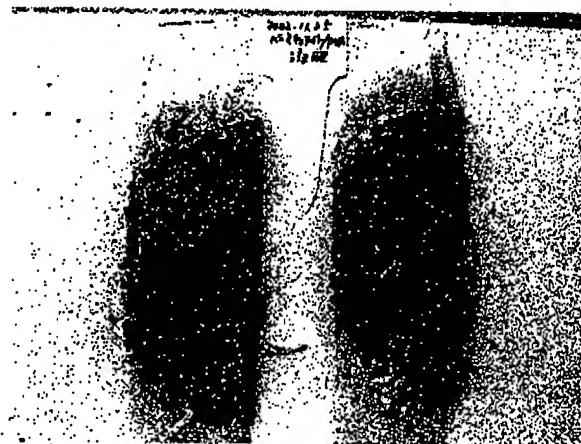
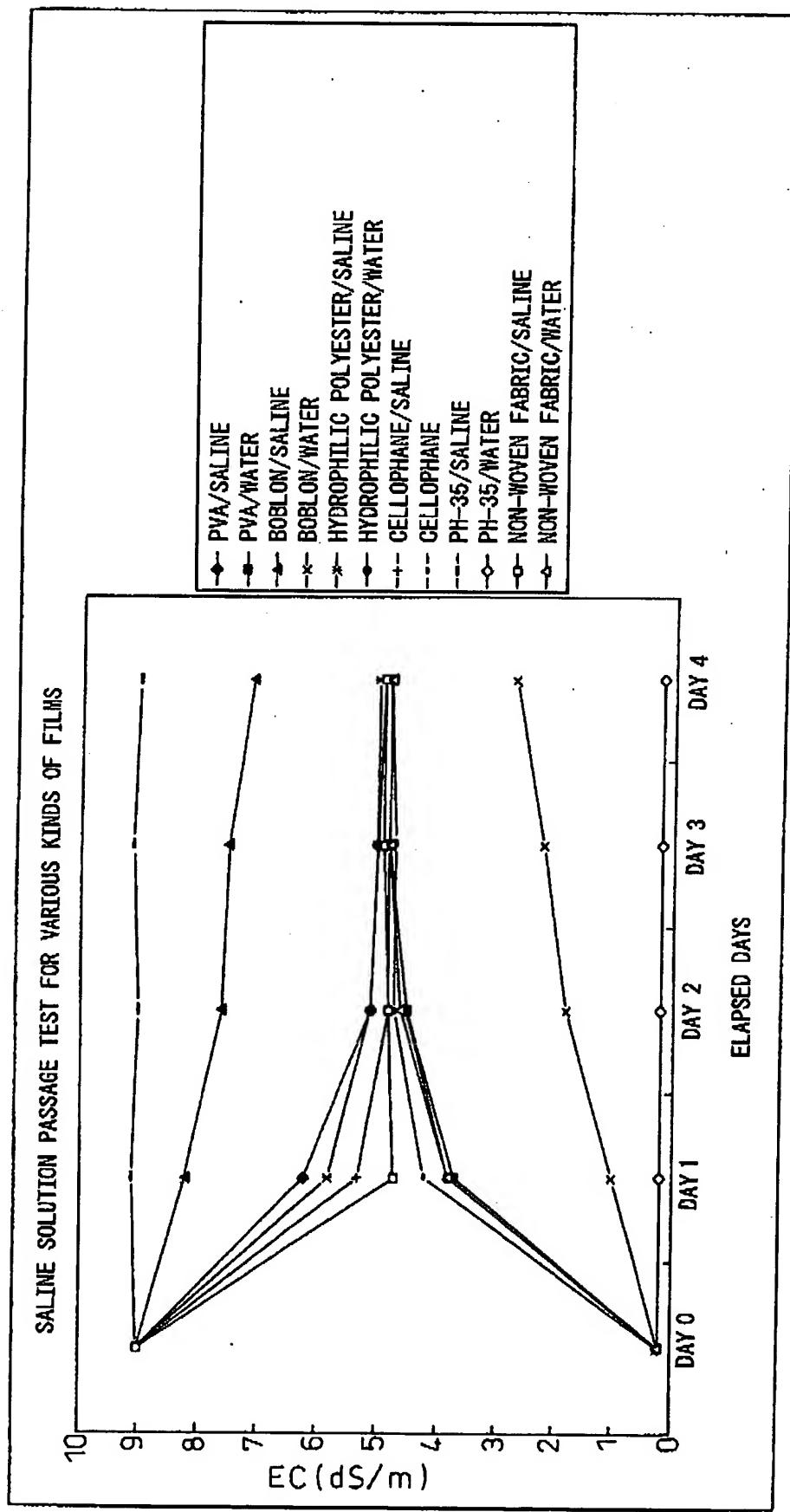


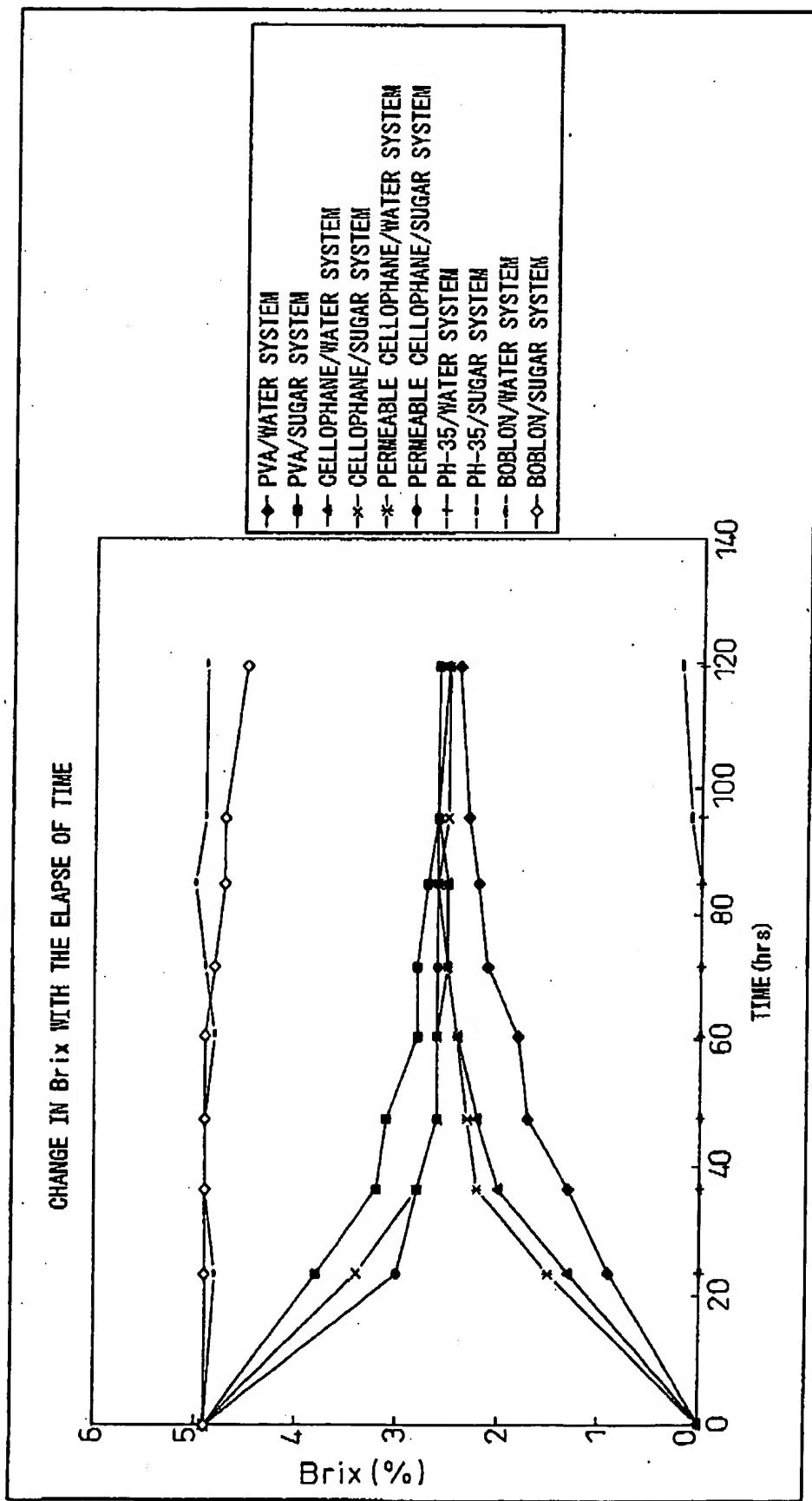
Fig.18



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Fig. 19



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Fig.20

NON-WOVEN FABRIC (BACK SIDE)



Fig.21

NON-WOVEN FABRIC (SURFACE SIDE)



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Fig. 22

PVA (BACK SIDE)

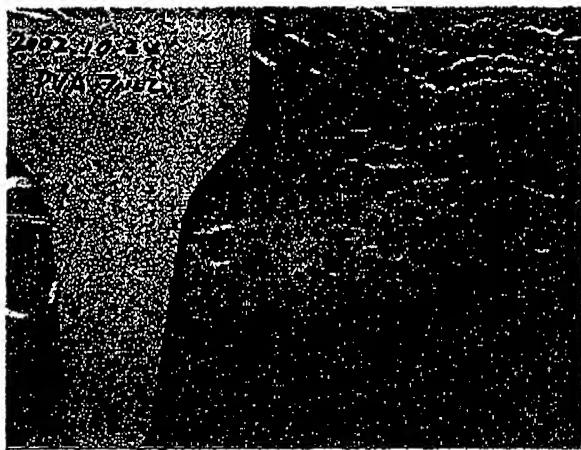


Fig. 23

TIME OF PLANTING



EC:1.37 pH:7.2

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Fig.24

43 DAYS AFTER PLANTING

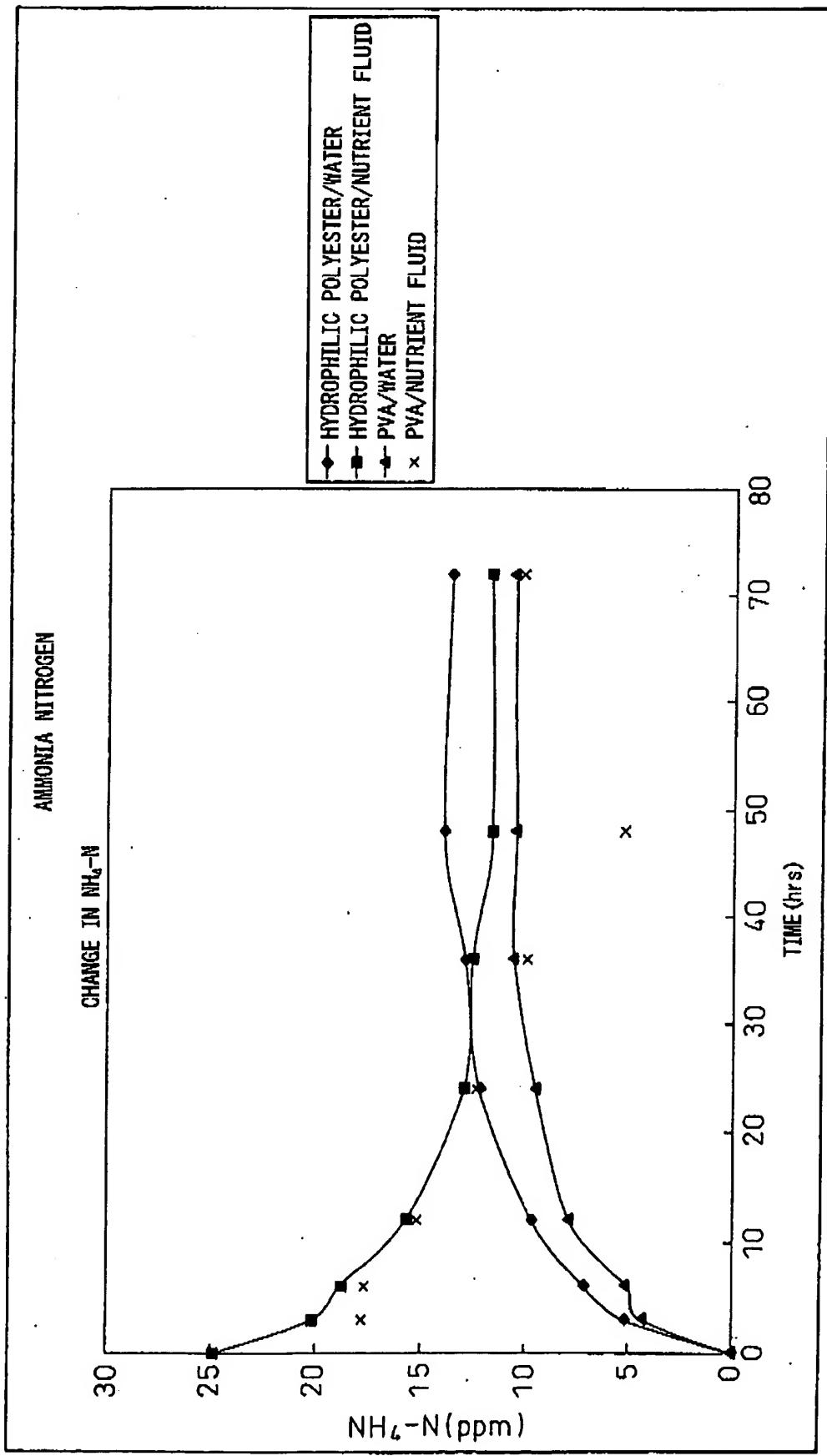


EC:0.99 pH:4.2

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Fig. 25



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Fig. 26

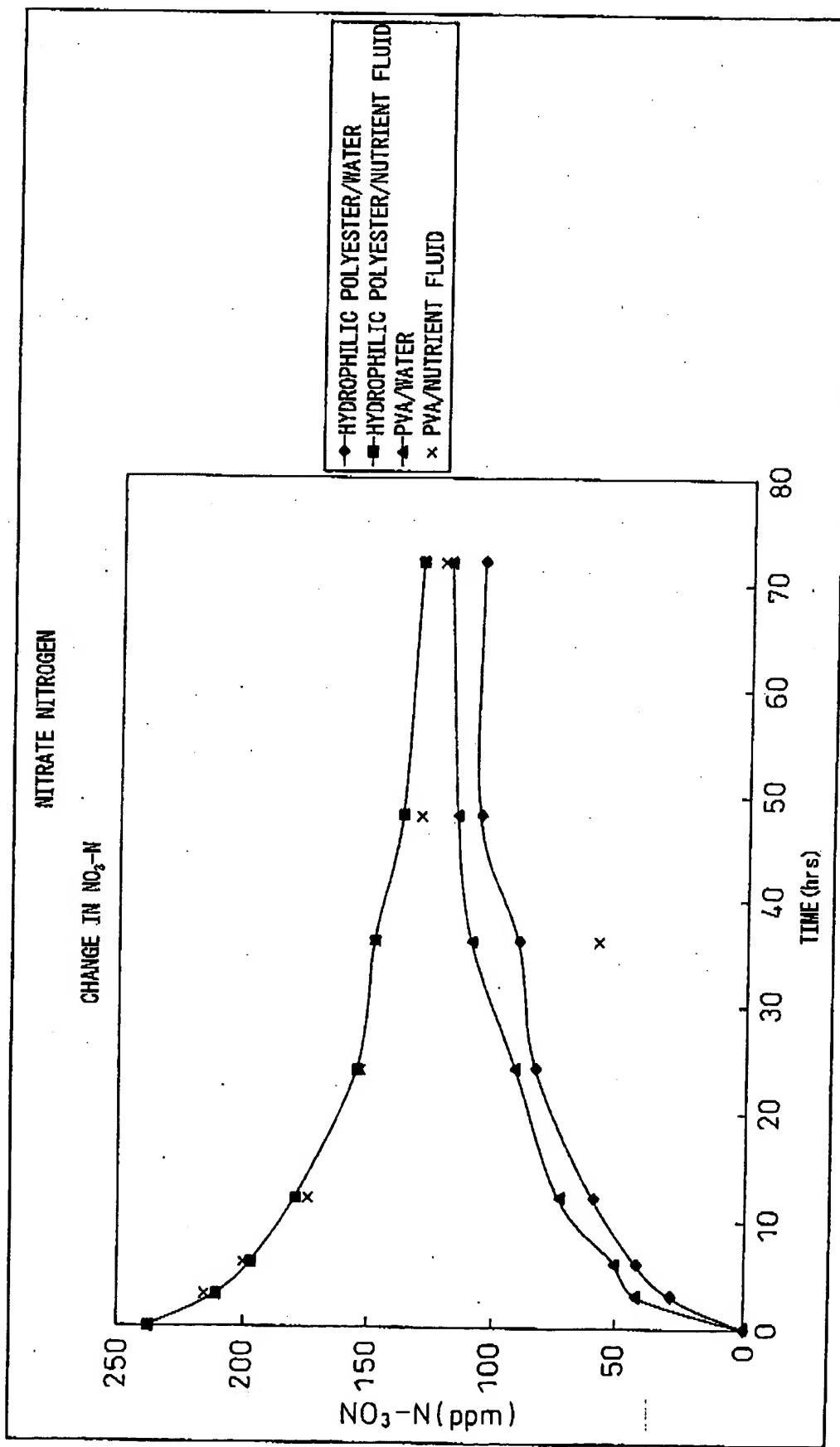
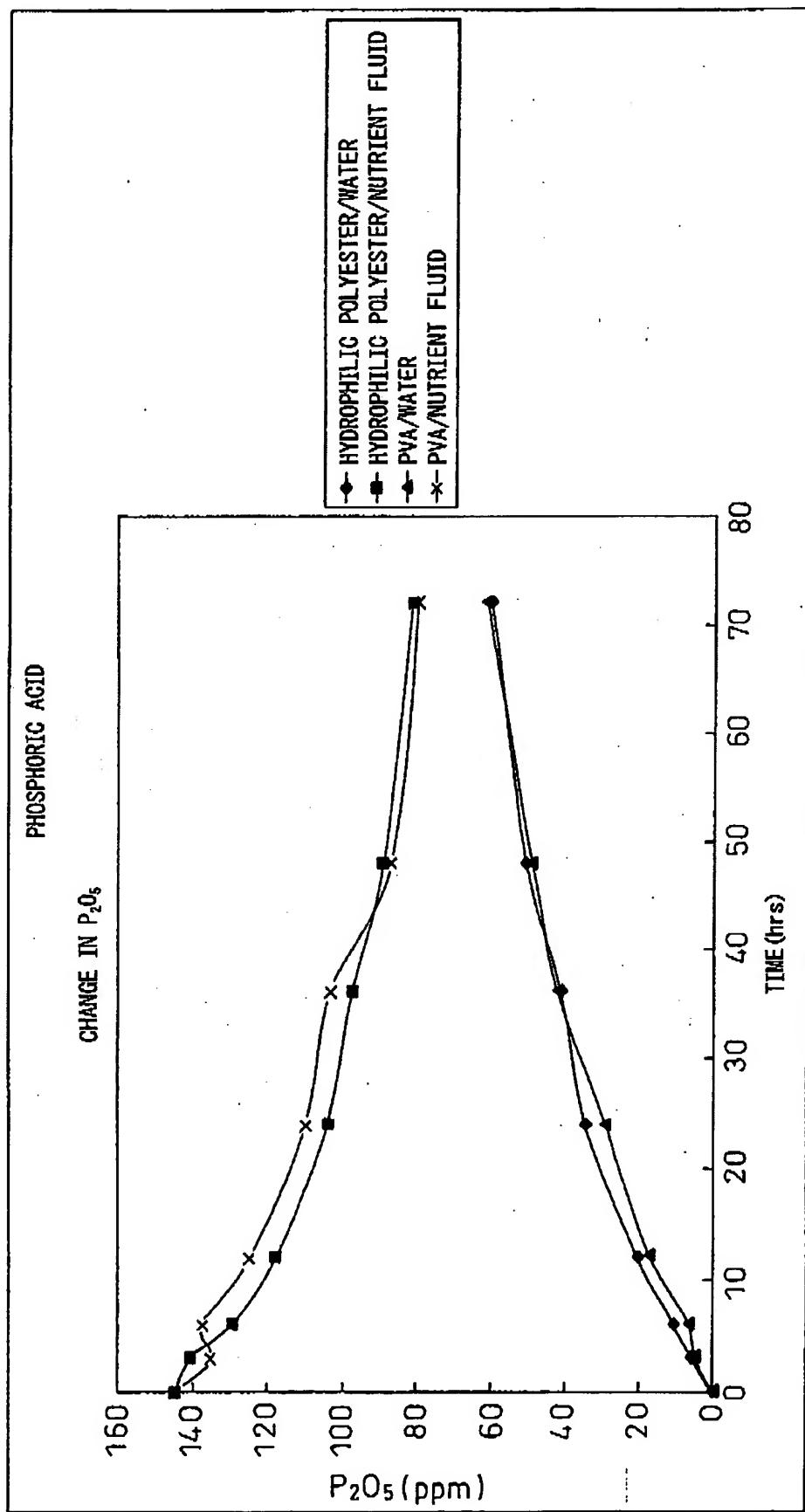
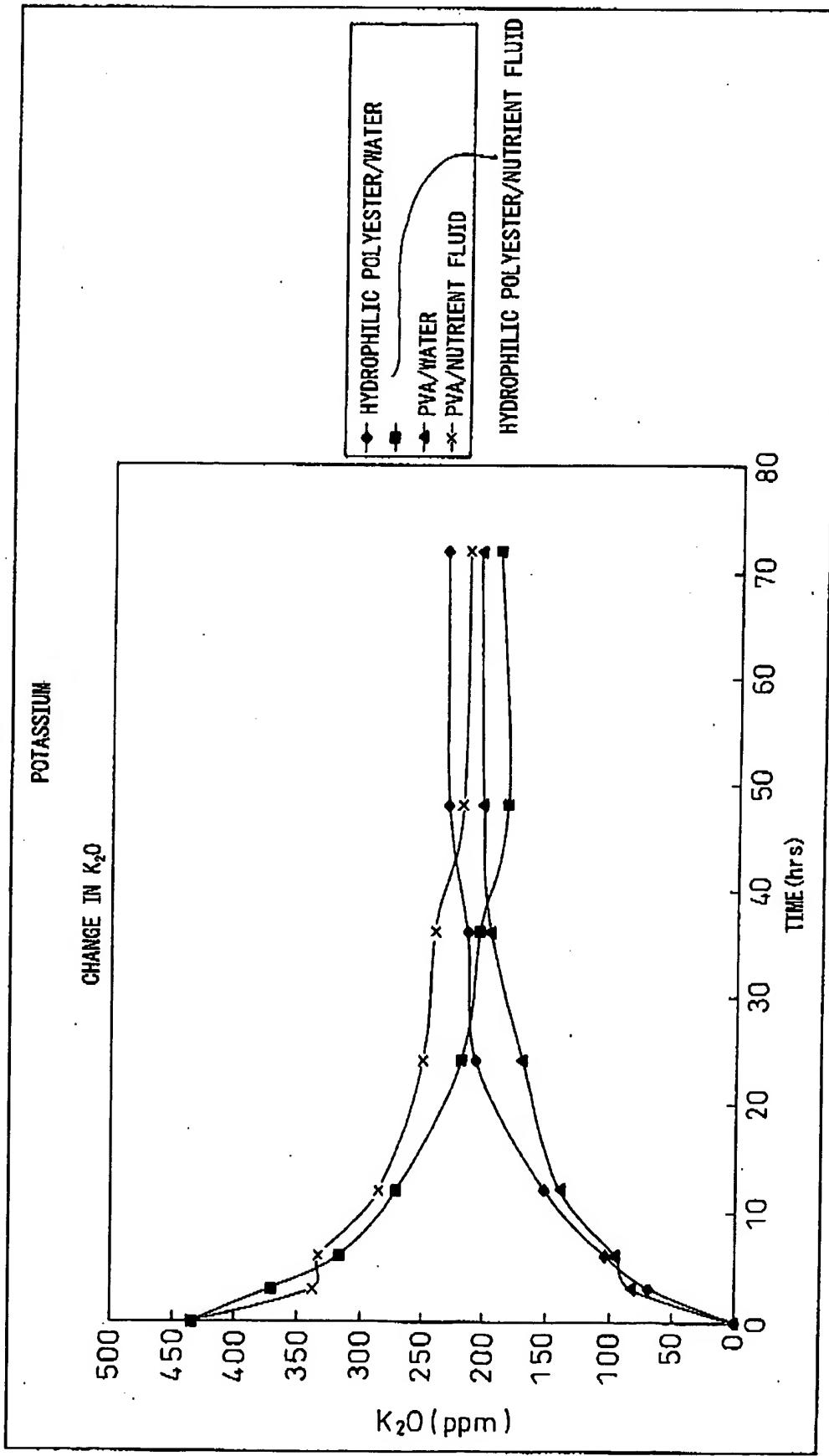


Fig. 27



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Fig. 28



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Fig. 29

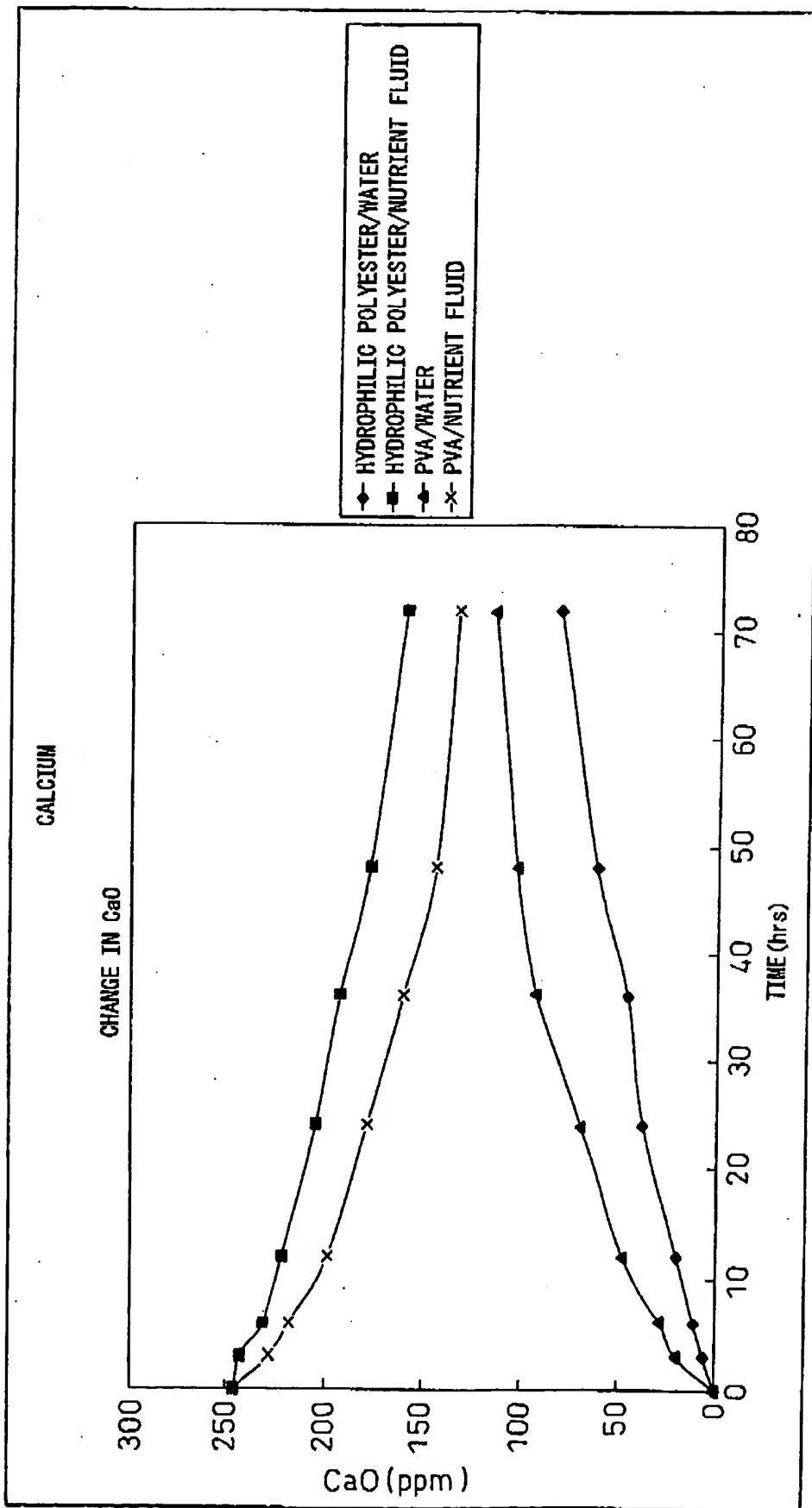
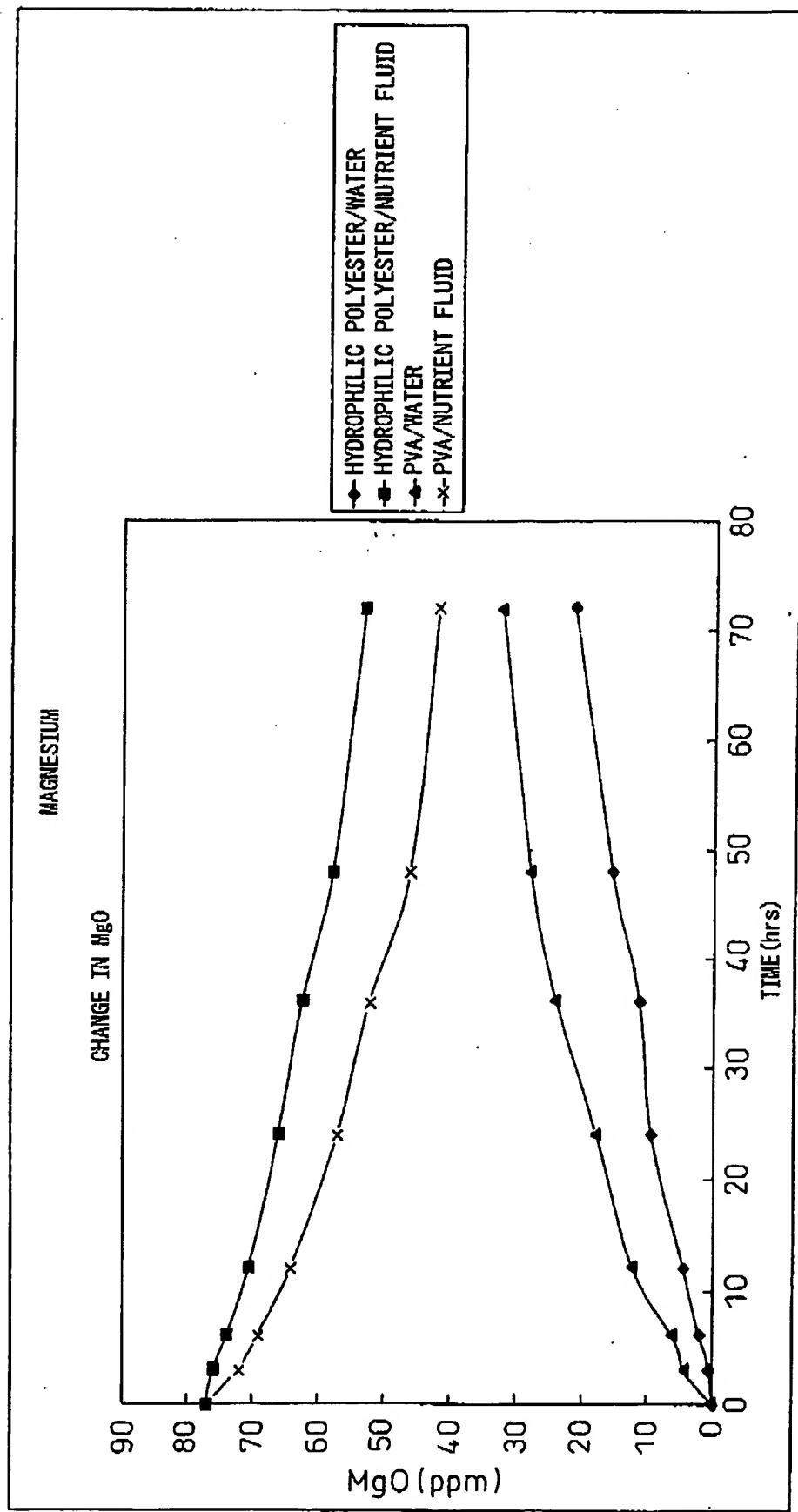


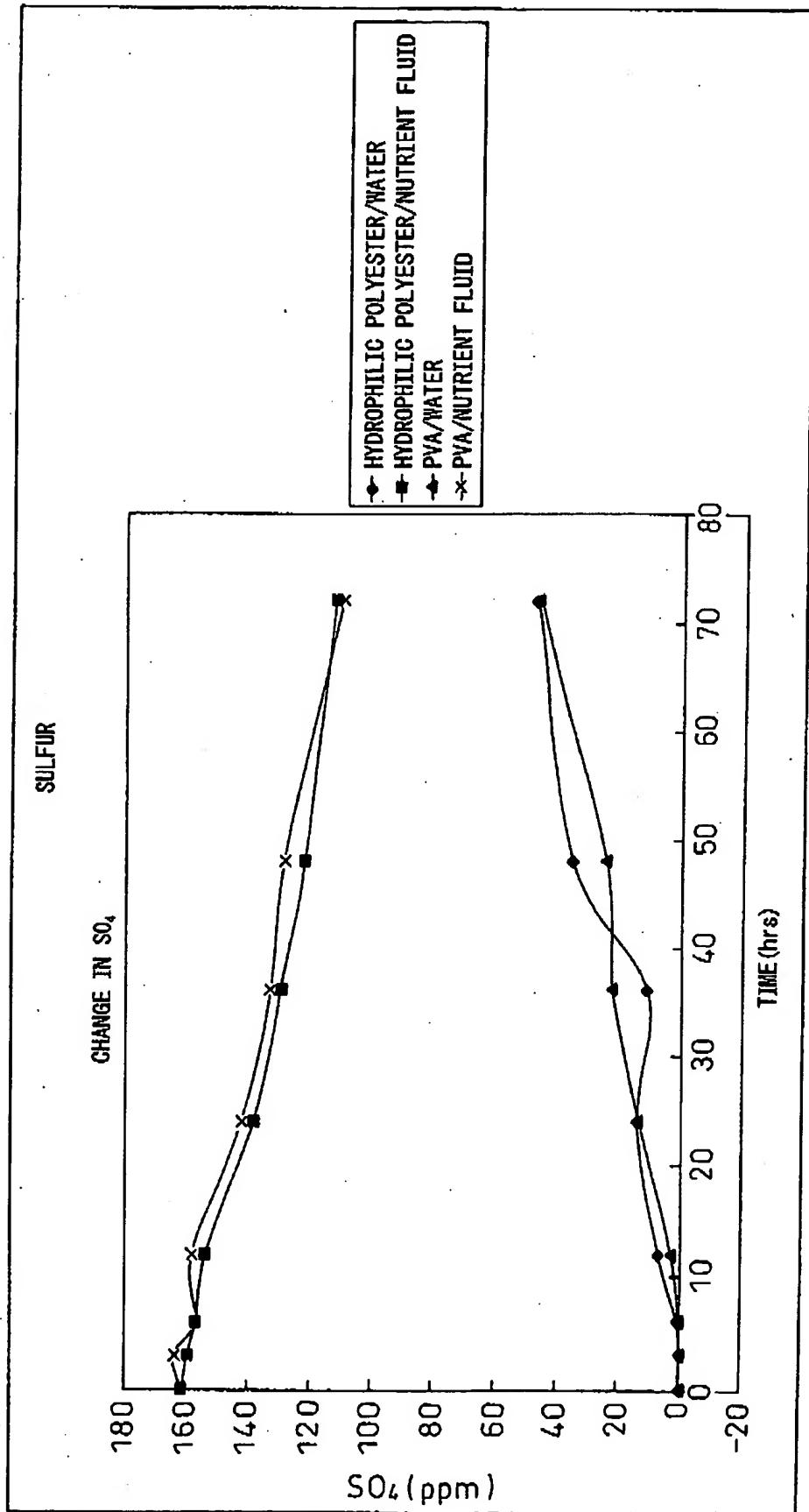
Fig. 30



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Fig. 31



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Fig. 32

MAY 9 (TIME OF PLANTING)

(a) PH-35



(b) PVA



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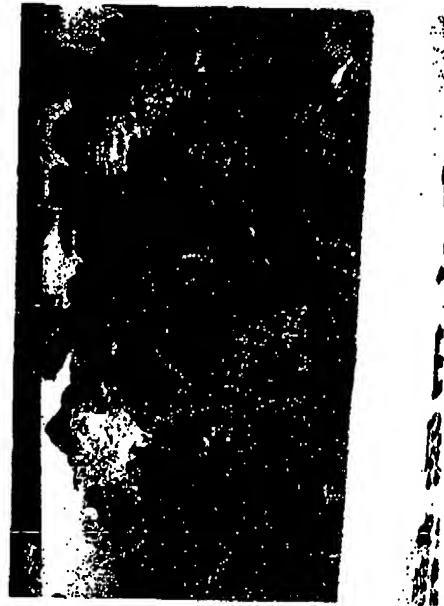
Fig. 33

JUNE 4 (END OF CULTIVATION)

(a) PH-35



(b) PVA

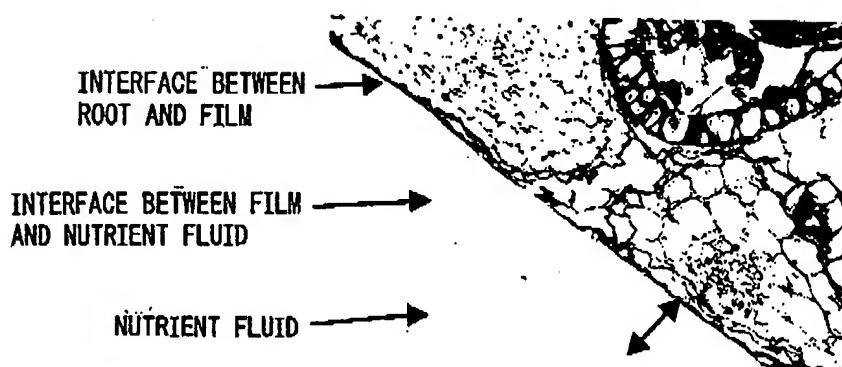


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Fig. 34

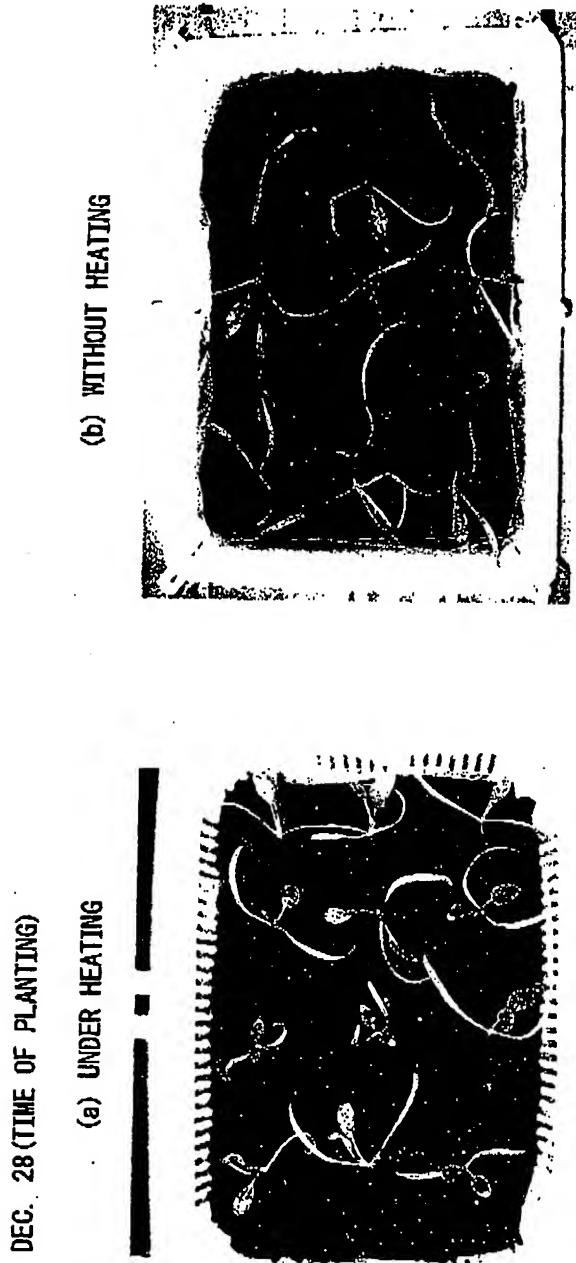
PVA FILM THICKNESS: 40 μ



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Fig. 35



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Fig. 36

FEB. 15 (END OF CULTIVATION)

(a) UNDER HEATING



(b) WITHOUT HEATING



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Fig. 37

JUNE 23 (TIME OF PLANTING)

(a) UNDER COOLING



(b) WITHOUT COOLING



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Fig. 38

JULY 31

(a) UNDER COOLING



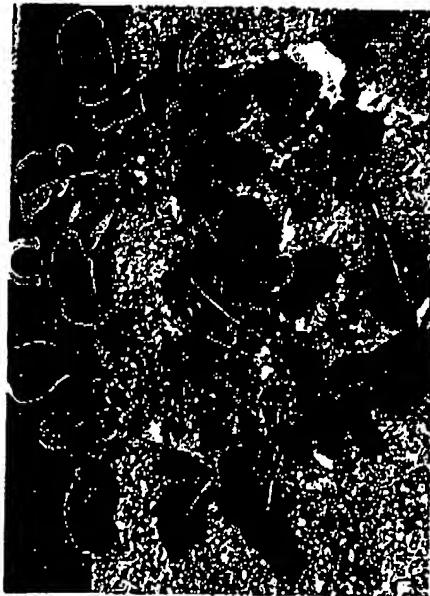
(b) WITHOUT COOLING



Fig. 39

JUNE 14 (END OF CULTIVATION)

(a) RUCOLA (WITH MULCHING-FLM)



(b) RUCOLA (WITHOUT MULCHING-FLM)



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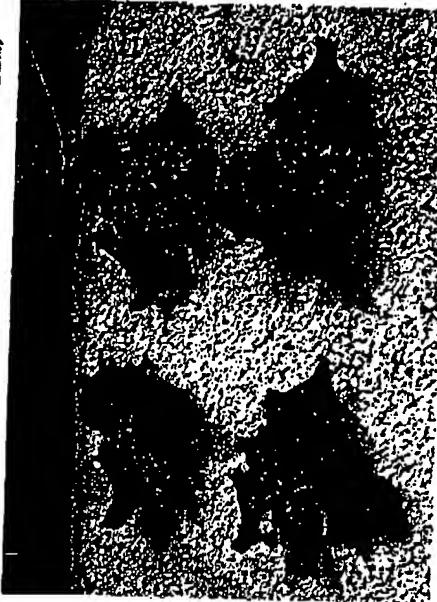
Fig. 40

JUNE 14 (END OF CULTIVATION)

(a) SUNNY LETTUCE (WITH MULCHING-FILM)



(b) SUNNY LETTUCE (WITHOUT MULCHING-FILM)



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Fig. 41

CULTIVATION OF MINI-TOMATO
(AFTER 39 DAYS)

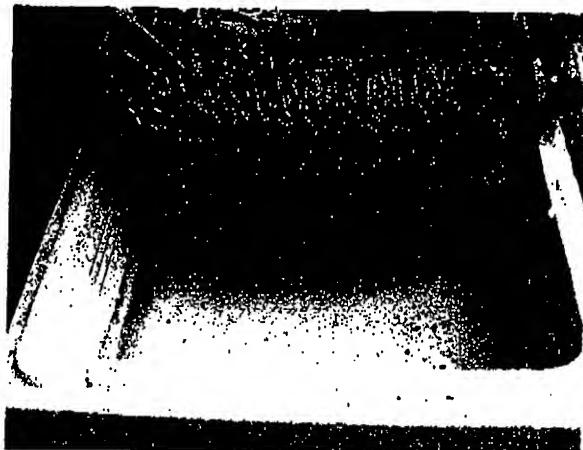
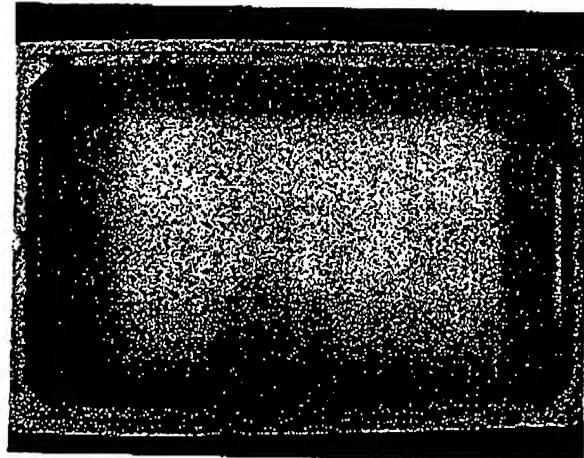


Fig. 42

RUCOLA, LETTUCE (AFTER 20 DAYS)

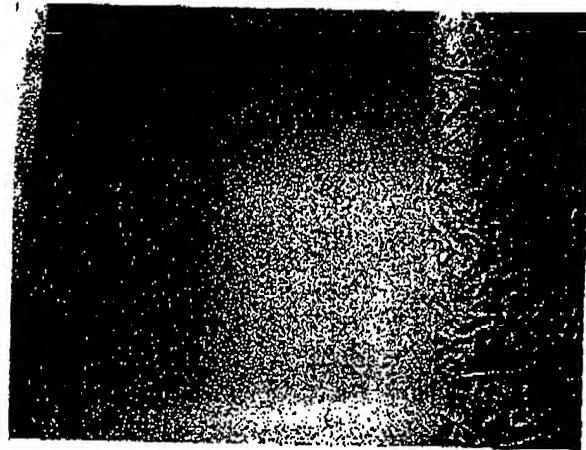


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Fig.43

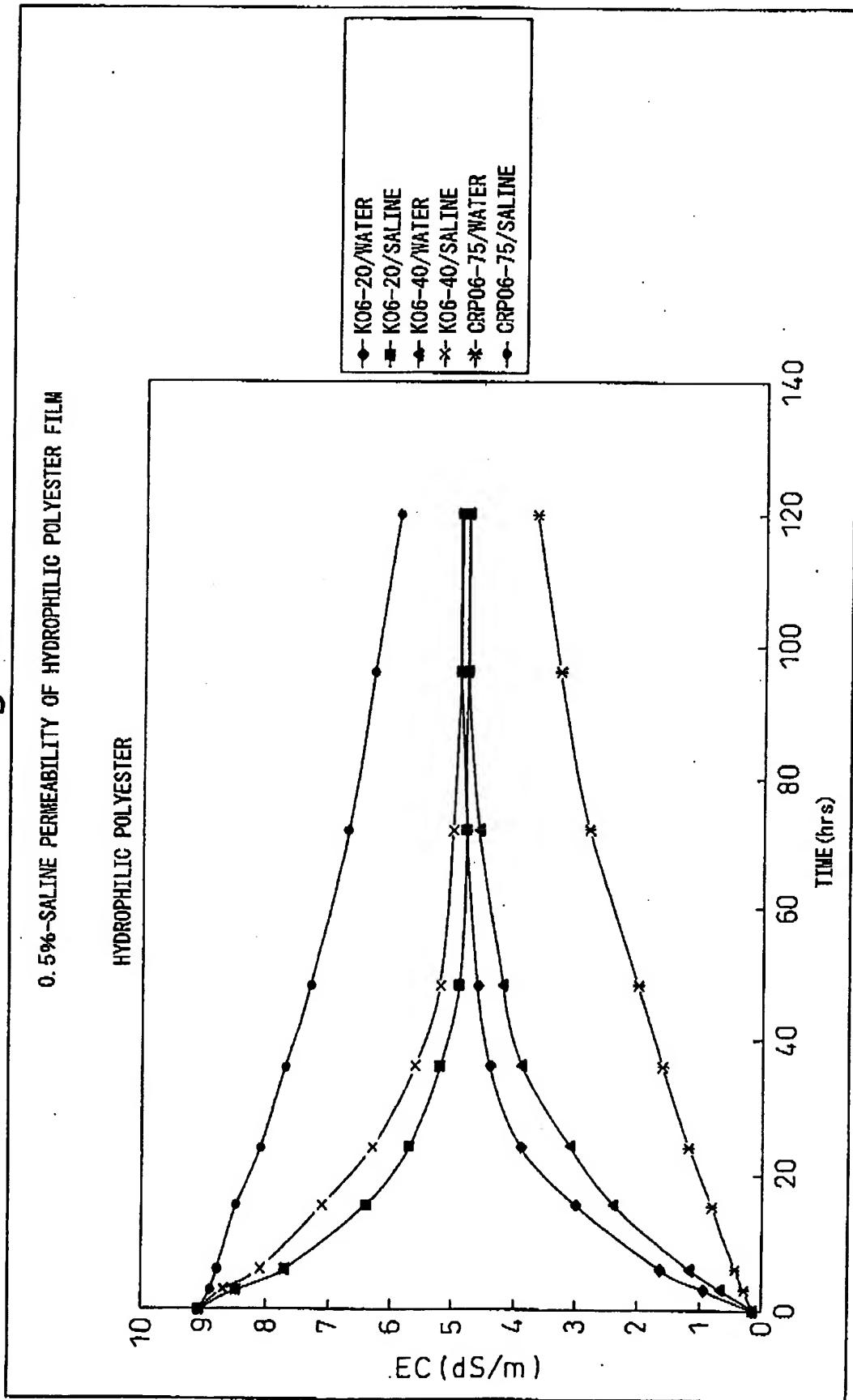
SPINACH (AFTER 43 DAYS CULTIVATION)



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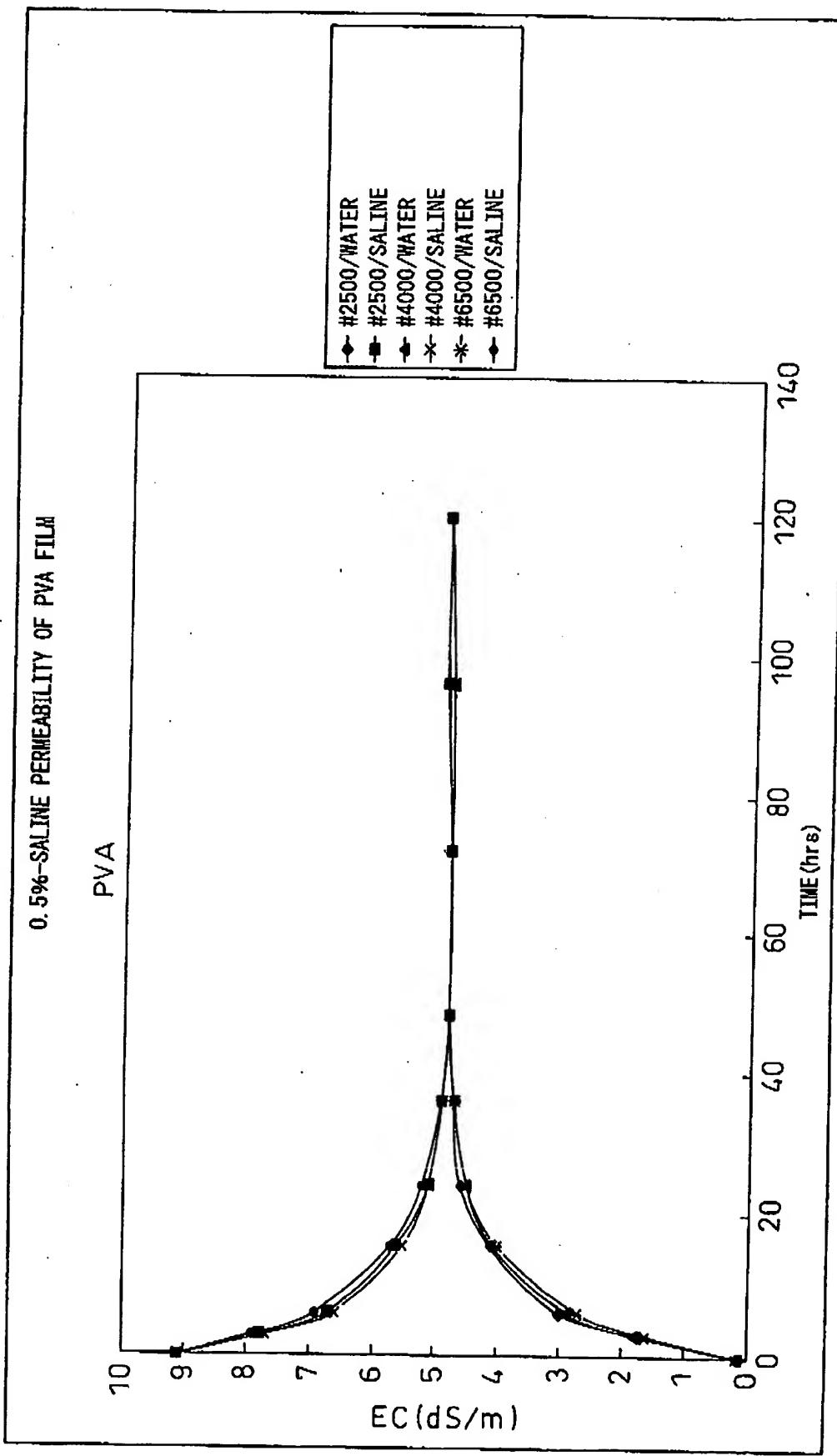
Fig. 44



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Fig. 45



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Fig. 46

No. 1 PVA FILM ALONE (RUCOLA)



Fig. 47

No. 2 SUPERPOSITION OF PVA FILM AND SHOJI PAPER (BROCCOLI)

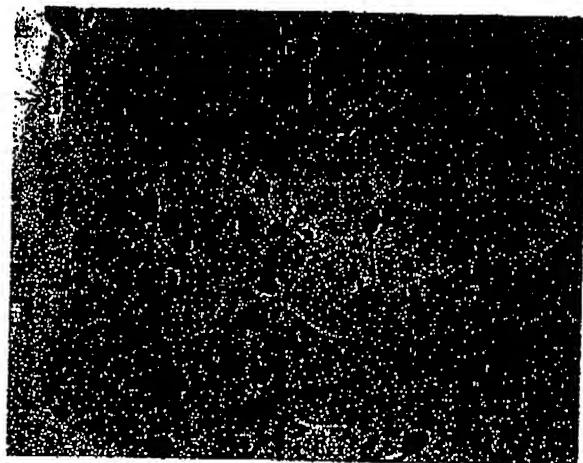
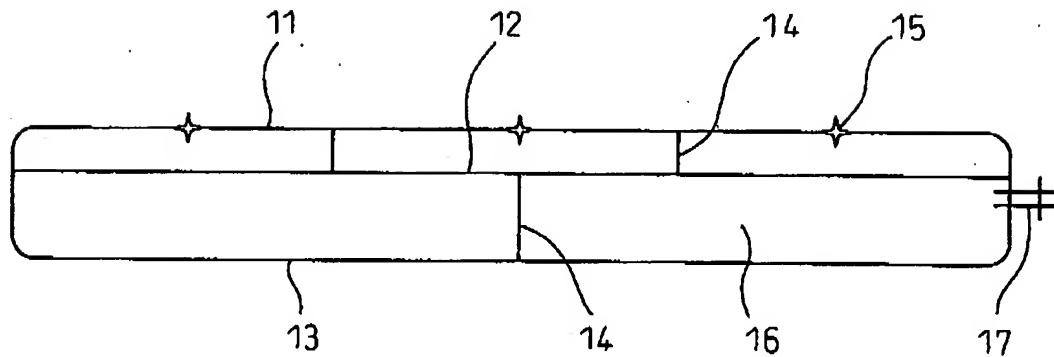


Fig. 48



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Fig. 49

(a) DEC. 11 (FOUR DAYS AFTER PLANTING)



(b) DEC. 30 (23 DAYS)



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Fig. 50

(a) SEP. 11 (FOUR DAYS AFTER PLANTING)



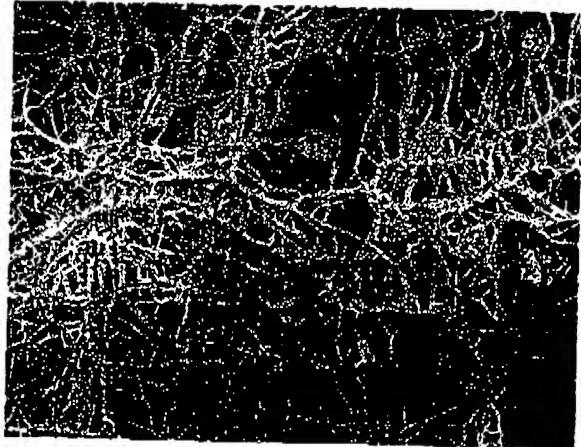
(b) NOV. 15



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Fig.51

ROOTS VIEWED FROM BACK SIDE OF CELL TRAY



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Fig. 52

(a) JULY 18 (b) AUG. 23

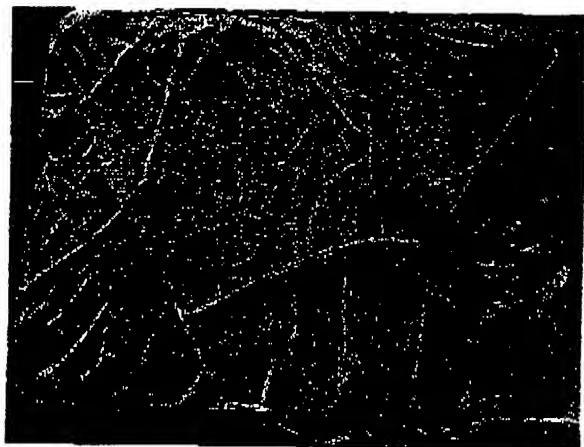


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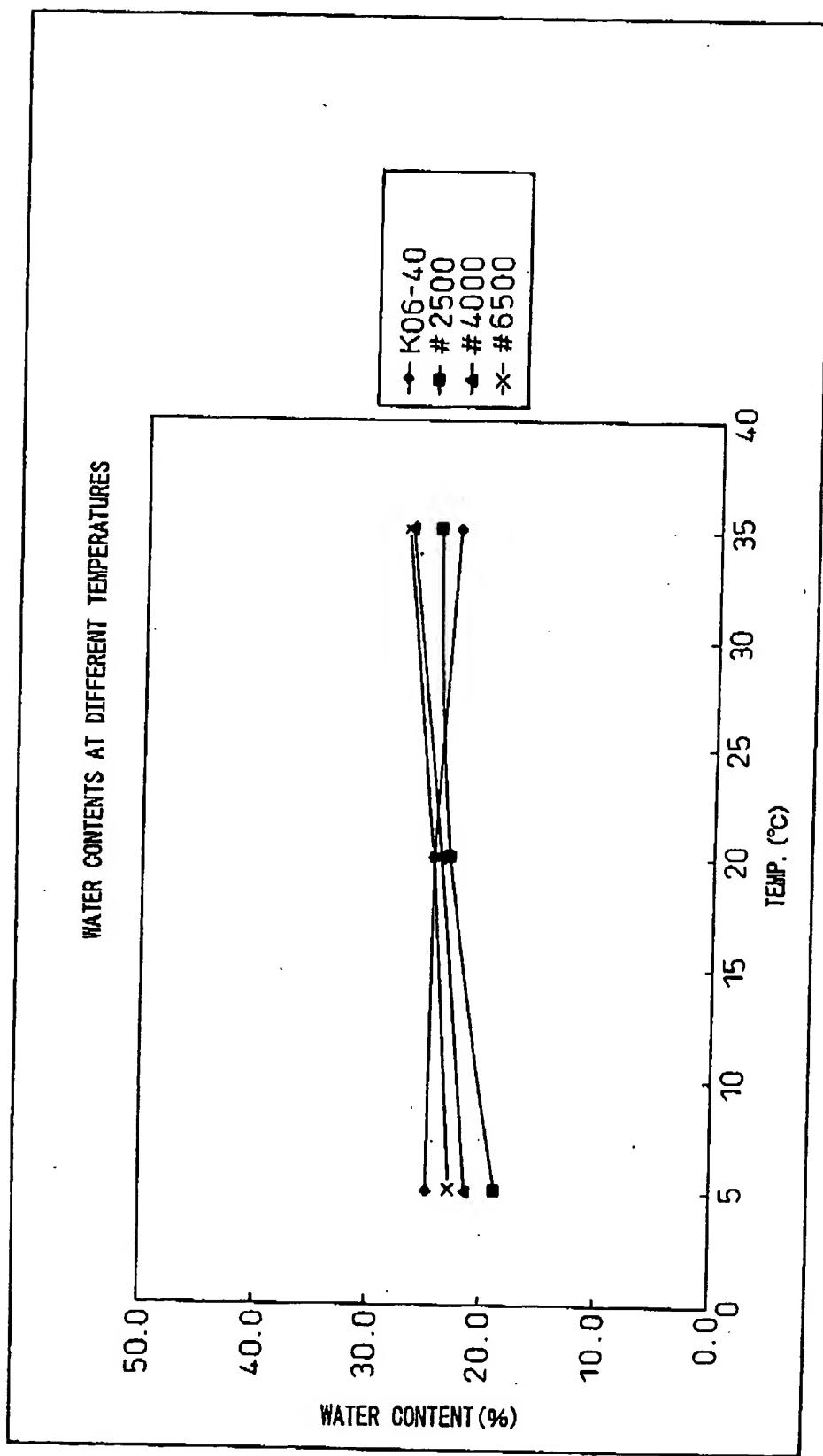
Fig. 53

ROOTS VIEWED FROM BACK SIDE OF URETHANE FOAM



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Fig. 54



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